

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Yu-Chia Chang	06/17/2009
Larry A. Coldren	06/17/2009
<b>RECEIVING PARTY DATA</b>	
Name:	The Regents of the University of California
Street Address:	1111 Franklin Street
Internal Address:	12th Floor
City:	Oakland
State/Country:	CALIFORNIA
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<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12410388
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ATTORNEY DOCKET NUMBER:	30794.270-WO/US-U1
NAME OF SUBMITTER:	George H. Gates
Total Attachments: 1 source=Assignment#page 1.tif	

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**PATENT**

**500900941**

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ASSIGNMENT

U.C. Case No. 2008-464-2

G & C Case No. 30794.270-US-U1

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. YU-CHIA CHANG

2. LARRY A. COLDREN

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, 12<sup>th</sup> Floor, Oakland, California 94607, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

SMALL DIMENSION HIGH-EFFICIENCY HIGH-SPEED  
VERTICAL-CAVITY SURFACE-EMITTING LASERS

and which is found in U.S. application serial no. 12/410,388, filed on March 24, 2009,

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner for Patents to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

17 day of June, 2009

17 day of June, 2009

Signature of Inventor(s)

  
YU-CHIA CHANG

  
LARRY A. COLDREN